

I claim:

1. An enhanced torque resistant battery part comprising:
a lead member;
5 a stainless steel bolt having a male thread on one end;
a layer of a lead adhereable material secured to at least a portion of the bolt with the
layer of the lead adhereable material engaging the lead member to thereby enhance the
torque resistance of the stainless steel bolt.
- 10 2. The battery part of claim 1 wherein the layer of lead adhereable material comprises a
sublayer of nickel and a sublayer of tin.
3. The battery part of claim 1 wherein the thickness of the layer of lead adhereable
material is less than .0003 inches.
- 15 4. The battery part of claim 1 wherein the battery part comprises a battery terminal
with the stainless steel bolt in mechanical engagement with the battery terminal.
5. A battery part comprising:
20 a lead member;
a fastener at least partially embedded in the lead member; and
a layer of an electrical conducting material interposed between the fastener and the
lead member with the electrically conducting material bonded to the fastener and to the lead
member to provide enhanced torque resistance.
- 25 6. The battery part of claim 5 wherein the fastener is in mechanical engagement with
the lead member.

7. The battery part of claim 5 wherein the layer electrically conducting material includes at least two sublayers.

5 8. The battery part of claim 7 wherein a one of the at least two sublayers is bonded to the fastener and another of the at least two sublayers is bonded to the lead member with the at least two sublayers bonded to each other to thereby provide enhanced torque resistance to the fastener.

10 9. The battery part of claim 7 wherein one of the sublayers comprises a layer of tin.

10. The battery part of claim 7 wherein one of the sublayers comprises layer of nickel

11. The batter part of claim 7 wherein the fastener comprises stainless steel.

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12. The battery part of claim 11 wherein the sublayer bonded to the stainless steel fastener comprises tin.

13. The battery part of claim 12 wherein the sublayer bonded to the lead member
20 comprises nickel.

14. The battery part of claim 12 wherein the sublayers bonded to the stainless steel faster is an electroplated sublayer.

25 15. A method of forming a battery terminal comprising:
placing a coating of a lead adhereable electrically conducting material on an exterior surface of at least a portion of a fastener; and

embedding the fastener in a lead terminal by flowing molten lead around the fastener with the lead adhereable conducting material to secure the fastener to the lead and thereby enhance a torque resistance of the fastener.

5 16. The method of claim 15 wherein the step of placing a coating of the lead adhereable electrical conducting material on a fastener comprises placing the lead adhereable electrical conducting material on a stud bolt fastener.

10 17. The method of claim 15 wherein the step of placing a coating of the lead adhereable electrical conducting material on a fastener comprises placing the lead adhereable electrical conducting material on a nut fastener.

15 18. The method of claim 15 wherein the lead adhereable coating is placed on a stainless steel fastener.

19. The method of claim 15 wherein the placing of a lead adhereable coating comprises placing a layer of nickel on the fastener and placing a layer of tin over the nickel.

20 20. The method of claim 15 wherein the placing of the lead adhereable coating comprises electroplating the lead adhereable coating on the fastener.